12-06-01

PTO/SB/05 (11-00)

Approve of use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. 16869P-037300US

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

First	rst Inventor Ono, Makoto						
Title	Title INSPECTION SYSTEM AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD						
Expr	ess Mail Label No.	EL525753190US	ĴĊ				
	ADDRESS TO	Assistant Commissioner for Patents					

	ΔΡΡ	I CATION I	ELEMENT	<u> </u>			Assistant	^		
APPLICATION ELEMENTS See MPEP chapter 600 concerning design patent application contents.					ADDR	RESS TO) Box Paten	Commissioner for Patents t Application		
Fee Transmittal Form (e.g., PTO/SB/17)						Washington, DC 20231 7. CD-ROM or CD-R in duplicate, large table or				
1. 🖂	(Submit an origin	Ⅱ Form (e.g., r al and a duplicat	TO/SB/17) e for fee proces	ssina)	7. 📙 (COMPUTER P	CD-R in dupli	cate, large table or		
2. 🗌	Applicant claim	is small entity s	status.	JOg)	8. Nucle	Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission				
- 57	See 37 CFR 1.	27.			(if ap	(if applicable, all necessary)				
3. 🔀	Specification		[Total Pages	s <u>30</u>]	a. 🔲	a. Computer Readable Form (CRF)				
	(preferred arrange - Descriptive title	ement set tortn p of the Invention	elow)		b. Spe	ecification S	Sequence Listir	na on:		
	- Cross Reference	es to Related App	plications		1. L	J CD-ROM	or CD-R (2 co	pies); or		
	 Statement Rega Reference to see 				c. 🗀	paper riui	mber of pages	tity of above copies		
	a computer prog	ram listing apper			<u> </u>					
	 Background of the state of the	he Invention						LICATIONS PARTS		
	 Brief Summary of Brief Description 		/ if filed)		9. 🔯			ver sheet & document(s))		
	 Detailed Descrip 	otion	(II IIIeu)		10. 🔲		§3.73(b)Staten			
	- Claim(s)	S			-	(when the	re is an assign	ee) Attorney		
. [- Abstract of the D				11. 🗆	English Translation Document (if applicable)				
4. ⊠ 5. Oath	Drawing(s) (35 to or Declaration/Po	•	[Total Sheet [Total Pages			Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations (1)				
	Newly execut			3 4]	13.		y Amendment	To Chadons (1)		
	Copy from a p			33 (4))	14. 🖂			(MPEP 503)		
		ation/divisional			1 —	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
i	DELETION			completed	15. 🖂		opy of Priority			
		ent attached dele		١	1	(if foreign priority is claimed)				
	named in the p	rior application, s	see 37 CFR	,	16. 📋	16. Nonpublication Request under 35 U.S.C.				
^ 5 21	1.63(d)(2) and	• •]	122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent				
6. 🛛 A	Application Data S	theet. See 37	CFR 1.76		17. 🔲					
18. If a CC	ONTINUING APPLI	CATION, check	annronriate h	ov and sunn	by the requisit.	- information	- t-day and in	a preliminary amendment,		
or in an A	Application Data St	neet under 37 C	FR 1.76:	ox, and supp	ly the requisit	e mornauor	n beiow and in a	a preliminary amendment,		
		☐ Divisional		inuation-in-pai	rt (CIP)	of nri	ior application No	,		
	application informati	ion: Exan	niner	·	`-'	Grou	n Art Linit:			
For CONT	TINUATION or DIVI	SIONAL APPS	only: The entir	e disclosure	of the prior a	nnlinntinn fo		ath or declaration is supplied		
								ath or declaration is supplied n and is hereby incorporated by ubmitted application parts.		
	. The moorporado.	T Can Only be re			NDENCE AD		itted from the s	ubmitted application parts.		
				UNNLUFU	NDENCE AD	UKESS	-i			
Cust	omer Number or Ba	ır Code Label			350		or 🗆 Co	orrespondence address below		
	,		(Insert Custo	omer No. or A	ttach bar code	label here)		·		
Alama	Ì									
Name										
			·							
Address										
/100/000										
City				State			Zip Code			
Country			Teleph	1000						
			relepii	ione	<u> </u>		Fax			
Name (Print/Type) Robert C. Colwell Re				Registration No. (Attorney/Agent) 27,431						
Signatui	re	1 (v.	LC C	duel !	<u> </u>	_	Date	October 30, 2001		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231. PA 3179906 v1

51

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known					
Application Number					
Filing Date					
First Named Inventor	Ono, Makoto				
Examiner Name					
Group Art Unit					

TOTAL AMOUNT OF PAYMENT (\$) 1032					Attorr	Attorney Docket No.		16869P-037300US					
				D OF PAYN				FEE CALCULATION (continued)					
1.		The indi	Commiss cated fees	sioner is her s and credit	eby a	authorized over paym	to charge nents to:	3. ADI	DITIONAL Entity			ALCOLATION (continued)	
Dep	ount	20	-1430					Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Num	Number							105 127	130 50	205 227	65 25	Surcharge - late filing fee or oath Surcharge - late provisional filing fee or cover sheet.	
Account Townsend and Townsend and Crew LLP Name							P	139	130	139	130	Non-English specification	
\boxtimes	Charge An	ny Additi	ional Fee F	Required				147 112	2,520 920*	147 112	2,520 920*	For filing a request for reexamination Requesting publication of SIR prior to	
	Applicant	claims s	16 and 1.1 small entity					113	1,840*	113		Examiner action	
2.	See 37 C		7					4	•		1,840*	Examiner action	
_								115	110	215	55	Extension for reply within first month	
	Check	☐ Cı	redit card		oney Order		Other	116	400	216	200	Extension for reply within second month	
			FEE C/	ALCULATIO				117	920	217	460	Extension for reply within third month	
	BASIC FII		EE					118	1,440	218	720	Extension for reply within fourth month	
Large	-	Small	Entity	_				128	1,960	228	980	Extension for reply within fifth month	
Fee Code		Fee Code	Fee ((\$)	Fee Descri	ption	a	Fee Paid	119	320	219	160	Notice of Appeal	
101		201		Utility filing	foo		740	120	320	220	160	Filing a brief in support of an appeal	
106		206		Design filing			/40	121	280	221	140	Request for oral hearing	
107	510	207	255 F	Plant filing f	fee			138	1,510	138	1,510	Petition to institute a public use proceeding	
108		208		Reissue filir	-			140	110	240	55	Petition to revive – unavoidable	<u> </u>
114	160 2	214	80 F	Provisional	filing	fee		141	1,280	241	640	Petition to revive – unintentional	
		SI	UBTOTAL	(4)			(6)740	142	1,280	242	640	Utility issue fee (or reissue)	F
				-(1)		'	(\$)740	143	460	243	230	Design issue fee	
2. EXTR	RA CLAIN	/ FEES						144	620	244	310	Plant issue fee	
				Extra		e from	Fee	122	130	122	130	Petitions to the Commissioner	
otal Claim	<u> </u>	20 *		Claims 0 x	x \$		Paid = \$0	123	50	123	50	Petitions related to provisional applications	
ndependen Claims	nt 6		* = 3	3 ×	د [_\$	84	= \$252	126	180	126	180	Submission of Information Disclosure Stmt	
Multiple Dependent	5-tibe	2		×	٠ <u> </u>		=	581	40	581	40	Recording each patent assignment per property (times number of properties)	40
Large Fee	Fee	Small Fee	Entity Fee	/ Fee Desc	cript	ion		146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
Code 103	(\$) 18	Code 203	(\$) 9	Claims in	•			149	740	249	370	For each additional invention to be	
102	84	202	42				excess of 3	l				examined (37 CFR § 1.129(b))	<u></u>
104	280	204	140				m, if not paid	179	740	279	370 F	Request for Continued Examination (RCE)	1
109	84	209	42	** Reissue independent claims over 169 900 169 900 Request for expedited examination original patent 169 900 169 900 Request for expedited examination 169 900 request for expedited examination 169 900 169 90 90 90 90 90 90 90 90 90 90 90 90 90									
110	18	210	9	** Reissu over origi	e clai inal p	ims in exc atent	cess of 20 and		e (specify)				
			su	JBTOTAL (2	2)	(\$)252		The Cor the abov	mmission ve noted	ier is au Deposit	thorized Accour	ed to charge any additional fees to unt.	
**or numl	per previou	ısly paid,	if greater;	For Reissues	s, ser	e above		*Reduce	ed by Bas	ic Filing	Fee Pai	aid SUBTOTAL (3) (\$)40	

SUBMITTED BY Complete (if applicable)											
Name (Print/Type)	Robert C. Colwell	Registration No. (Attorney/Agent)	27,431	Telephone	650-326-2400						
Signature	1an c	- Columbia		Date	October 30, 2001						

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PA 3179908 v1

Attorney I et No. 16869P-037300 Client Ref. No. 210000604US1

PATENT APPLICATION

Inspection System and Semiconductor Device Manufacturing Method

Inventors:

Makoto Ono

Citizenship: Japan

Hisafumi Iwata Citizenship: Japan

Keiko Kirino

Citizenship: Japan

Assignee:

Hitachi, Ltd.

6, Kanda Surugadai 4-chome Chiyoda-ku, Tokyo, Japan Incorporation: Japan

Entity:

Large